



AGRIFEEDS NUTRITION GUIDE

COW NUTRITION & YOUNG STOCK



BALANCED NUTRITION BETTER RETURNS®

THE AGRIFEEDS STORY

Agrifeeds is a wholly owned subsidiary of Wilmar International, Asia's leading agribusiness group. Wilmar encompasses the entire value chain of the agricultural commodity business, from cultivation and milling, to processing, branding and distribution. Wilmar has over 500 manufacturing plants and an extensive distribution network covering fifty countries and regions. Wilmar embraces sustainability in its global operations, supply chain and communities. Other companies that fall under the Wilmar International umbrella in New Zealand are Goodman Fielder, Chelsea Sugar and Wilmar Trading.

Agrifeeds offer advanced, efficient nutrition solutions and is one of the largest stock feed suppliers in New Zealand. Agrifeeds provides information, expertise and an extensive range of complementary feeds to help our customers achieve their farming goals.

We start with understanding your farming business and where you want to go. Only then can we recommend the top quality dry and liquid feeds, tailored blends, minerals and additives you need for your business.

We're much more than a feed supplier; we're here to help grow your bottom line. Agrifeeds, supported by a world-class supply chain, securely, reliably and efficiently supplies feed products at competitive prices.

Our precision blending service delivers consistent blends and reliable, safe mineral inclusion, by way of our state-of-the-art blending machinery, meaning every order is quality controlled and accurately blended, giving you peace of mind.

Our Animal Nutrition Sales Representatives (ANSRs) are up to date with the latest research, have diverse dairying experience and close relationships with animal nutrition experts. We understand that planning nutrition is core to dairy farming.

With access to the latest technology, scientifically-backed nutritional advice and nation-wide blending facilities, you can be confident in all your nutrition solutions.



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Disclaimer

All animal feed products should be fed as part of a healthy balanced diet matched to the specific requirements of the herd. Agrifeeds makes no representations or warranties of any kind, express or implied, as to the suitability of any of the products supplied to the specific requirements of your animals. Please note that recommended feeding rates are given as a guideline only and will vary based on the total diet and actual feed intake of your animals. It is recommended that you consult your vet, nutritionist or farm consultant before making any dietary changes.

Colour and consistency of product may vary due to region, season and point of origin.

Storage Guidelines:

NZ Food Safety Authority - Code of Practice: Feeds containing grain, Palm Kernel Extract (PKE), and similar products should be stored in a feed silo. The silo should be situated on concrete no closer than 10m from the vat stand.

Feed that cannot be stored in a feed silo should be stored over concrete or, if a concrete area is not available, then on a sheet impervious to moisture such as polyethylene. Storage must be at least 20m from the farm dairy and not within 3m of the edge of the farm roadway, and should not allow any water runoff to contaminate the feed pile, surface water or ground water source.

In addition:

- feed should not be stored directly on the ground;
- feeds containing grain, PKE, and similar products should be covered at all times to prevent water damage;
- feed must be stored so that it remains cool and dry;
- the feed storage area needs to be kept free of birds, rodents, insects and other vermin;
- the feed storage area should not be made of any materials that are likely to contaminate the stored feed with residues, such as tanned timber;
- feed should not be stored on-farm for long periods; and
- mouldy or spoiled feed should never be fed to lactating dairy cows



= Nationwide availability



= NI only availability



= SI only availability

PALM KERNEL EXPELLER (PKE)



Palm Kernel Expeller (PKE) is a by-product of the palm oil extraction process from the fruit of the palm. PKE is a quality stock feed containing high levels of crude protein and medium energy levels. It is completely safe to feed as a supplement for most classes of livestock.

BENEFITS

- High levels of crude protein and medium energy
- Can be easily blended with a selection of other feeds
- Double-screened to ensure particle size and quality

TYPICAL NUTRITIONAL ANALYSIS

Dry Matter	90%
Crude Protein	17%
Energy (ME)	11.7 MJ/kg DM
NDF	54%
Crude Fibre	17.5%
Fat	8-10%

FEEDING RECOMMENDATION

Suitable for feeding to lactating dairy cows. Requirements will differ depending on the current diet. As a guide, if feeding PKE, you should introduce slowly to adult dairy cows at 500g per cow per day, increasing to a maximum of 6kg per cow per day. Suitable for all feeding methods. Ideally suited to feeding in conjunction with high energy molasses or biscuit cereal meal. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

STORAGE

Please refer to Page 3 for storage guidelines.



HIGH FIBRE PELLETS



High Fibre Pellets are 100% sourced from Palm Kernel Expeller (PKE).

Like PKE, the High Fibre Pellet contains high levels of crude protein, however can combat FEI constraints with a lower oil/fat content. High Fibre Pellets contain medium energy levels, and are completely safe to feed as a supplement for most classes of feed, and greatly complement high energy feedstuffs such as maize or molasses.

Furthermore, palm kernel in a pellet form will help with flowability through most feed systems on farm.

TYPICAL NUTRITIONAL ANALYSIS

Dry Matter	88.2%
Crude Protein	17.6%
Energy (ME)	11.2 MJ/kg DM
NDF	68.6%
Fat	3%

FEEDING RECOMMENDATION

Suitable for feeding to lactating dairy cows. Requirements will differ depending on the current diet. As a guide, if feeding PKP, you should introduce slowly to adult dairy cows at 500g per cow per day, increasing to a maximum of 6kg per cow per day.

STORAGE

Please refer to Page 3 for storage guidelines.



FEEDSCAN



AGRIFEEDS HAS A UNIQUE OFFERING TO HELP YOU UNDERSTAND THE CORE OF YOUR ANIMAL'S DIET - THE GRASS

With our state-of-the-art technology, our team can provide you a full feed analysis of your fresh grass, silage, maize silage and PKE treated with FeedXtra.

Our animal nutrition experts use the information to identify any nutrient gaps in your herd's current diet. We then suggest possible complementary feed solutions that will make sure your animals are getting the balanced nutrition required for better returns.

WHEN SHOULD YOU GET YOUR FEED ANALYSED?

We recommend the following four parts of the season as a minimum:

- **Early lactation:** minimise body condition loss while supporting production
- **Peak milk/mating:** ensure cows are in excellent condition to show heat and get in-calf
- **Mid-lactation:** maintain production to keep the vat full and increase body condition on the herd
- **Late lactation:** complement the changing grass quality to extend lactation

FEEDSCAN BENEFITS

- ☑ Balanced nutrition for better returns
- ☑ Ensure your herd's diet is optimised to get the most value from your complementary feeds
- ☑ Immediate in-farm test response
- ☑ Gone are the days of sample bags and waiting a week for the results
- ☑ Confidence in your feed decisions
- ☑ Know that you are doing best by your herd and their nutritional needs
- ☑ Convenient grass, silage, maize silage and PKE treated with FeedXtra testing
- ☑ **We'll collect the samples, run the tests, and provide a recommendation for you on the spot**



DRY FEED





BISCUIT CEREAL MEAL HIGH ENERGY (BCM HIGH ENERGY)

BCM High Energy is a by-product processed from biscuits and cereal food products that are manufactured for human consumption. Suitable for dairy & beef cattle, poultry & pig.

BENEFITS

- Processing results in greater feed digestibility and feed efficiency than unprocessed grain
- Highly palatable
- Energy dense

TYPICAL NUTRITIONAL ANALYSIS

Dry Matter	89%
Crude Protein	10.7%
Energy (ME)	14.1 MJ/kg DM
NDF	9%
Starch	45-55%
Crude Fibre	2.9%
Fat	6.1%
Sugar	10%

FEEDING RECOMMENDATION

Requirements will differ depending on the current diet. As a guide, if feeding BCM High Energy, you should introduce slowly to adult dairy cows at 500g per cow per day, increasing to a maximum of 4kg per cow per day. Suitable for feeding on feed pad, mixer wagon, and in-shed feeding system. Do not ad-lib feed or feed alone. Best fed in conjunction with PKE to create a more palatable feed blend. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

IMPORTANT NOTE

Due to its high palatability and grain levels, there is a risk cows will gorge and overfeed which could lead to acute rumen acidosis. Feed in a controlled or monitored environment and in accordance with the feeding recommendation.

STORAGE

Please refer to Page 3 for storage guidelines.



CANOLA MEAL



Canola Meal is a brown, free-flowing meal obtained from the extraction and grinding of canola seeds. It is an ideal feed for farmers looking to boost protein levels in their herd’s diet and can be fed as a blend in troughs or via in-shed feeding systems.

BENEFITS

- Boost protein levels in the diet
- Provides energy and fibre

TYPICAL NUTRITIONAL ANALYSIS

Dry Matter	89%
Crude Protein	38%
Energy (ME)	11.5 MJ/kg DM
NDF	27%
Crude Fibre	9%
ADF	18%

FEEDING RECOMMENDATION

Feeding requirements will differ depending on your herd’s diet. It is recommended you feed 0.5kg – 2kg/cow/day as part of a blended ration to increase protein feed levels. Suitable for feeding on feed pad, mixer wagon, and in-shed feeding system. Not suitable for ad-lib feeding to avoid gorging. Works well with PKE in a blended feed. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

STORAGE

Please refer to Page 3 for storage guidelines.



CORN GLUTEN FEED



Corn Gluten Feed is produced as a by-product of the wet milling process of maize grain. It offers medium protein and high energy for ruminants.

This palatable, low-starch product is high in rumen degradable protein, B vitamins, phosphorus and highly digestible fibre.

PRODUCT INGREDIENTS: 100% Corn Gluten Feed

TYPICAL NUTRITIONAL ANALYSIS

Dry Matter	89%
Crude Protein	23%
Energy (ME)	12.7 MJ/kg DM
NDF	33%
Starch	8%
Fat	3%
Crude Fibre	9%

FEEDING RECOMMENDATION

Requirements will differ depending on the current diet. It is recommended a maximum of 20% (of total ration) be fed on a dry matter basis. Corn Gluten Feed can be mixed with silage in the paddock, on the feed pad or in blends. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

STORAGE

Please refer to Page 3 for storage guidelines.





DISTILLERS'S DRIED GRAINS WITH SOLUBLE

Distiller's Dried Grains with Soluble (DDGS) is the dried residue remaining after the starch fraction of maize (Corn DDGS) is fermented with yeasts to produce ethanol. Once fermented, steps are taken to create the DDGS: Ethanol is removed by distillation process where the remaining fermentation residues are dried which results in the final DDGS product.

BENEFITS

- Excellent source of digestible protein & energy for cattle
- Good source of low-cost organic phosphorus and protein
- High energy level derived mostly from fibre and fat; which minimises risk of causing acidosis

TYPICAL NUTRITIONAL ANALYSIS

Dry Matter	90%
Crude Protein	28%
Energy (ME)	13 MJ/kg DM
NDF	30%
Crude Fibre	5.5%
Crude Fat	9%
Ash	4.5%
Calcium	0.18%

(DDGS)

FEEDING RECOMMENDATION

Requirements will differ depending on the current diet. It is recommended a maximum of 20% (of total ration) be fed on a dry matter basis. Suitable for all feeding methods, especially mixed with silage in the paddock or on the feed pad. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

STORAGE

Please refer to Page 3 for storage guidelines.



DDGS Plus



DDGS Plus is a product made up of 80% Dried Distillers Grain and 20% Wheat Bran (a by-product of the wheat milling process).

BENEFITS

- Highly palatable and high digestibility
- Great source of energy and protein
- Broader carbohydrate profile with the addition of sugar
- Increase in starch and digestible fibre

TYPICAL NUTRITIONAL ANALYSIS

Dry Matter	89.2%
Crude Protein	25.9%
Energy (ME)	12.6 MJ/kg DM
Crude fat	9%
NDF	33.4%
SSS	12.41%

FEEDING RECOMMENDATION

It is recommended up to a maximum of 20% (of total ration) be fed on a dry matter basis. DDGS Plus can be mixed with silage in the paddock or on the feed pad. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

STORAGE

Please refer to Page 3 for storage guidelines.



KIBBLED MAIZE



Kibbled Maize is a dry feed sourced from locally grown New Zealand maize; processed from whole maize kernels. It is an ideal product to blend with PKE and other safe feeds to provide a balanced, energy-dense feed option post-calving.

BENEFITS

- Energy dense
- High starch content
- Slowly degrades in the rumen compared to other cooked grains

TYPICAL NUTRITIONAL ANALYSIS

Dry Matter	88-89%
Crude Protein	8-10%
Energy (ME)	13.6 MJ/kg DM
NDF	10%
Starch	72%

FEEDING RECOMMENDATION

Requirements will differ depending on current diet. It is recommended you feed 0.5kg-2kg/ cow/day and use as part of a blended ration to increase starch and energy levels of the feed. Suitable for feeding on feed pad, mixer wagon, and in-shed feeding system. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

IMPORTANT NOTE

It is not recommended to feed Kibbled Maize constantly unless it is mixed 70% PKE/30% Kibbled Maize or lower. Due to high starch levels, there is a risk cows could gorge and overfeed, leading to acute rumen acidosis.

STORAGE

Please refer to Page 3 for storage guidelines.



ROLLED FEED BARLEY



Rolled Feed Barley is a full grain product that contains high levels of energy and starch.

BENEFITS

- High in energy and starch
- Rumen active starch source
- Improves the yield of high value milk protein

FEEDING RECOMMENDATION

Introduce slowly at 0.5kg, building up to a maximum of 3.0-4.0kgs per cow per day. Suitable for feeding on feed pad, mixer wagon, and in-shed feeding system. Not suitable for ad-lib feeding to avoid gorging and potential ruminal acidosis. Works well with PKE in a blended feed. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

Do not feed to horses or dogs.

STORAGE

Please refer to Page 3 for storage guidelines.

TYPICAL NUTRITIONAL ANALYSIS

Dry Matter	86-90%
Crude Protein	10-15%
Energy (ME)	11.5-13.0 MJ/kg DM
NDF	14-20%
Starch	50-60%

ROLLED FEED WHEAT



Rolled Feed Wheat is a full grain product that contains high levels of energy and starch and a low fibre content.

BENEFITS

- High in energy and starch
- Rumen active starch source
- Improves the yield of high value milk protein

FEEDING RECOMMENDATION

Introduce slowly at 0.5kg building up to a maximum of 3.0kgs per cow per day. Suitable for feeding on feed pad, mixer wagon, and in-shed feeding system. Not suitable for ad-lib feeding to avoid gorging and potential ruminal acidosis. Works well with PKE in a blended feed. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

Do not feed to horses or dogs.

STORAGE

Please refer to Page 3 for storage guidelines.

TYPICAL NUTRITIONAL ANALYSIS

Dry Matter	86-90%
Crude Protein	9-13%
Energy (ME)	12.5-14.5 MJ/kg DM
NDF	12-15%
Starch	60-65%

SOYBEAN MEAL



Soybean meal is palatable, nutrient dense, high in digestibility, and a relatively consistent source of protein. It has an excellent amino acid profile and is a concentrated source of protein and energy.

FEATURES AND BENEFITS

Protein supplements like soybean meal can be fed to balance out low protein pasture and/or supplements. Cows in mid-lactation require about 16 percent dietary crude protein. In summer pasture protein levels can drop under 16 percent. In these situations, deficiencies can become an issue and soybean meal can be used to stimulate production levels.

Soybean meal contains around 50 percent protein of which 35 percent is rumen undegradable ("by-pass") and 65 percent is rumen degradable.

Soybean meal is rich in lysine and, of the common plant proteins used in animal feeds, soybean meal has the highest percentage of essential amino acids (47.6 percent).

TYPICAL NUTRITIONAL ANALYSIS

Dry Matter	90%	Crude Fat	1.4%
Crude Protein	50%	Calcium	0.3%
Energy (ME)	12 MJ/kg DM	Potassium	2.1%
NDF	12.3%	Lysine	3.1%
Crude Fibre	3.2%	Theonine	1.9%
ADF	45%	Oil	2.5%
Starch and Sugar	15%		

FEEDING RECOMMENDATION

There is no maximum for the use of soybean meal in dairy rations, and it can be fed to meet protein requirements. Normal feeding rates will be around 0.5-2kg per head per day. Soybean meal can be fed mixed with silage in the paddock or on the feed pad. It can also be fed via the grain feeding system in the dairy shed. Consult your nutritionist or farm consultant to work out the most optimal inclusion level for your particular situation.

STORAGE

Please refer to Page 3 for storage guidelines.



SOY HULL PELLET



Soy hulls are a by-product of soybean oil and meal production. This product consists largely of the skin which covers the soybean. Soy hulls do not generally need any further processing to feed, and is a very cost effective feed for the dairy industry.

BENEFITS

- Alternative to high-starch grains
- Digestible source of energy and fibre
- Shares the same benefits as corn with a low lignin content

TYPICAL NUTRITIONAL ANALYSIS

Dry Matter	91%
Crude Protein	11.5%
Energy (ME)	11 MJ/kg DM
NDF	67%
Crude Fibre	36%
ADF	45%
Fat	2.5%
Calcium	0.60%
Potassium	1.5%
Lignin	3%
Total Digestible Nutrients	72%

FEEDING RECOMMENDATION

Soy hulls can be used without major restrictions in properly formulated dairy rations. This product can be fed through the feed pad, in-shed feed systems and in a trough. Works well with PKE within a blend formula. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

STORAGE

Please refer to Page 3 for storage guidelines.



TAPIOCA PELLET



Tapioca Pellet is a dry feed derived from the *Manihot Esculenta* plant. The roots are dried and processed to create the tapioca product, then pelletised. It is recommended to be fed along with good quality pasture.

BENEFITS

- High starch content
- Low in fat and NDF
- Helps to increase DM intake

TYPICAL NUTRITIONAL ANALYSIS

Dry Matter	88%
Crude Protein	3%
Energy (ME)	12.5 MJ/kg DM
NDF	12%
Starch	50-65%

FEEDING RECOMMENDATION

Requirements will differ depending on the current diet. As a guide, Tapioca Pellet should be introduced slowly to adult dairy cows at 500g per cow per day, increasing to a maximum of 4kg per cow per day. Suitable for feeding on feed pad, mixer wagon, and in-shed feeding system. Do not ad-lib feed or feed alone. Best fed in conjunction with PKE to create a more palatable feed blend. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

IMPORTANT NOTE

There is a risk cows will gorge and overfeed, leading to acute rumen acidosis. Feed in a controlled or monitored environment and in accordance with the feeding recommendation.

STORAGE

Please refer to Page 3 for storage guidelines.



CALF



GROWER 20®



Grower 20 is a 20% protein calf starter feed blended from quality ingredients. Suitable for calves on milk to stimulate rumen development. This unique formulation will support early feed intake.

BENEFITS

- Highly digestible milk protein powder key ingredient
- Contains essential amino acids to support growing youngstock
- Quality ingredients stimulate rumen development

PRODUCT INGREDIENTS

Selected from biscuit cereal meal, wheat, kibbled maize, barley, distiller's dried grains with solubles, soybean meals, canola meal, soy hull pellets, molasses, limeflour, salt, DCP, micro minerals and vitamins, milk protein powder, flavours, and coccidiostat Bovatec®.

TYPICAL NUTRITIONAL ANALYSIS

Dry Matter	89%
Crude Protein	20%
Energy (ME)	12 MJ/kg DM
NDF	28%
Starch	16%
Sugar	10%

FEEDING RECOMMENDATION

Offer Grower 20 from four days old, feeding ad lib. Keep calves on starter feed until they are eating 1kg per day alongside milk. Switch to Grower 16 once you have weaned calves off milk. Ensure there is ad lib access to clean, fresh, non-fouled water. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

IMPORTANT NOTES

Contains Bovatec, do not allow dogs, horses or other non-ruminant animals access to feeds containing Bovatec as ingestion could be fatal.



STORAGE

Please refer to Page 3 for storage guidelines.

AVAILABLE IN

- 20 kg bags
- 1 tonne bags
- Bulk



GROWER 16[®]



Grower 16 is a 16% protein calf finisher feed precision blended from quality ingredients. Suitable for calves on milk to stimulate rumen development. Ideal to feed over periods when grass quality is low and supply is short.

BENEFITS

- Maintain healthy growth rates in calves
- Highly palatable due to added molasses, sweeteners and flavours

PRODUCT INGREDIENTS

Selected from biscuit cereal meal, wheat, kibbled maize, barley, distiller's dried grains with solubles, soybean meal, canola meal, soy hull pellets, molasses, limeflour, salt, DCP, microminerals and vitamins, milk protein powders, flavours, coccidiostat Bovatec[®].

TYPICAL NUTRITIONAL ANALYSIS

Dry Matter	89%
Crude Protein	16%
Energy (ME)	12 MJ/kg DM
NDF	28%
Starch	23%
Sugar	7%

FEEDING RECOMMENDATION

Feed 1-3 kgs per calf per day with grass. Introduce with straw or fibre to avoid gorging. Ensure there is ad lib access to clean, fresh, non-fouled water. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

IMPORTANT NOTES

Contains Bovatec, do not allow dogs, horses or other non-ruminant animals access to feeds containing Bovatec as ingestion could be fatal.



STORAGE

Please refer to Page 3 for storage guidelines.

AVAILABLE IN

- 20 kg bags
- 1 tonne bags
- Bulk





BLENDS



WHY AGRIFEEDS PRECISION BLENDS?

At different stages of the year, there are nutrient gaps that need addressing to provide the cow with the most efficient balance of nutrients. Feeding Agrifeeds precision blends throughout the year helps fill these gaps (diagnosed by FeedSCAN™) by improving digestion of pastures, helping maintain body condition and appetite and increasing milk productivity which leads to extra days in milk and an improved bottom line. Examples of Agrifeeds precision blends are: PKExtra 10, PKExtra 20, PKExtra 30 combined with our minerals such as Vistacell live yeast, and include our Grower Range of calf starter and finisher.

Agrifeeds precision blends add value in any season:

- Agrifeeds precision blending operations help us continue to meet the growing needs of our customers through the consistent quality blending of multiple products, the addition of value-added products such as Molasses and FeedXtra and, of course, the safe and consistent addition of minerals into the blends.
- Precision blending provides an increased complexity of blends with minimal dust while ensuring a safe working environment for Agrifeeds operators and transport providers.





PKExtra 10® is a precision blend of palm kernel expeller (PKE) and molasses. Pre-mixed and flowable, it takes the guesswork out of mixing to create a protein and high energy blend. 90% PKE and 10% molasses.

BENEFITS

- Increases carbohydrate digestibility
- Minimises dust compared to PKE and saves freight costs compared to molasses
- Contains crude protein and high sugar levels to maximise your herd's energy levels and production

PRODUCT INGREDIENTS

90% PKE and 10% molasses

TYPICAL NUTRITIONAL ANALYSIS

Dry Matter	88.5%
Crude Protein	16.0%
Energy (ME)	11.73 MJ/kg DM
NDF	52.9%
Starch	0.0%
WSC	9.4%

Note: Nutrient Specifications pre-mineral addition

FEEDING RECOMMENDATION

Requirements will differ depending on the current diet. As a guide, introduce slowly to adult dairy cows at 500g per cow per day, increasing to a maximum of 6kg per cow per day. Can be fed in silos with care, but suitable for feeding on feed pad, mixer wagon and ad-lib. Minerals can be added as required. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

STORAGE

Please refer to Page 3 for storage guidelines.



PKEXTRA 20®



PKExtra 20* is a precision blend of palm kernel expeller (PKE) and molasses. Pre-mixed and flowable, it takes the guesswork out of mixing to create a protein and high energy blend. 80% PKE and 20% molasses.

BENEFITS

- Increases carbohydrate digestibility
- Minimises dust compared to PKE and saves freight costs compared to molasses
- Contains crude protein and high sugar levels to maximise your herd's energy levels and production

PRODUCT INGREDIENTS

80% PKE and 20% molasses

TYPICAL NUTRITIONAL ANALYSIS

Dry Matter	87.0%
Crude Protein	15.3%
Energy (ME)	11.76 MJ/kg DM
NDF	50.9%
Starch	0.7%
WSC	14.1%

Note: Nutrient Specifications pre-mineral addition

FEEDING RECOMMENDATION

Requirements will differ depending on the current diet. As a guide, introduce slowly to adult dairy cows at 500g per cow per day, increasing to a maximum of 5-6kg per cow per day (1.0- 1.2kg molasses). Can be fed in troughs or feed pads but not in silos. Minerals can be added as required. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

STORAGE

Please refer to Page 3 for storage guidelines.





PKExtra 30® is a precision blend of palm kernel expeller (PKE) and molasses. Pre-mixed and flowable, it takes the guesswork out of mixing to create a protein and high energy blend. 70% PKE and 30% molasses.

BENEFITS

- Increases carbohydrate digestibility
- Minimises dust compared to PKE and saves freight costs compared to molasses
- Contains crude protein and high sugar levels to maximise your herd's energy levels and production

PRODUCT INGREDIENTS

70% PKE and 30% molasses

TYPICAL NUTRITIONAL ANALYSIS

Dry Matter	85.5%
Crude Protein	14.7%
Energy (ME)	11.79 MJ/kg DM
NDF	49.5%
Starch	1.4%
WSC	18.9%

Note: Nutrient Specifications pre-mineral addition

FEEDING RECOMMENDATION

Requirements will differ depending on the current diet. As a guide, introduce slowly to adult dairy cows at 500g per cow per day, increasing to a maximum of 4-6kg per cow per day (1.2-1.8kg molasses). Can be fed in troughs or feed pads but not in silos. Minerals can be added as required. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

STORAGE

Please refer to Page 3 for storage guidelines.



MINERALS AND ADDITIVES





FeedXtra is a feed pre-treatment that creates a unique opportunity to unlock the energy potential in fibre, creating new value from feed e.g. PKE. Multiple research trials worldwide show increased milk production as a result of using FeedXtra. A fully fed cow may assist in the management of FEI and on-farm compliance. FeedXtra gets to work quickly to increase ME in PKE and Blends.

BENEFITS

- Improve feed efficiency
- Improve environmental efficiencies
- Increase milk production
- Increase energy for each kg of feed
- FEI Compliance Support

PRODUCT INGREDIENTS:

FeedXtra is a specific liquid preparation, formulated to be safe to feed to all classes of ruminants.

FEEDING RECOMMENDATION / APPLICATION RATE

Your feed blend is pre-treated with FeedXtra to ensure a well-mixed and accurate dosage per cow.

"FeedXtra improves the milk solids return I get from the money I invest in nutritional supplements.

The response is consistent throughout lactation, which is an extra bonus in my autumn calving herd. "

Mark and Penny Brown, Pirongia



FeedXtra

VISTACELL LIVE YEAST



Vistacell is a live yeast product that improves performance and productivity when fed to dairy cows. Developed specifically to maximise rumen efficiency and boost animal performance.



BENEFITS

- More milk/cow/day in dairy cows
- Improved digestibility
- Better dung consistency and quality
- Optimises rumen function
- Up to 10% improvement in live weight gain
- Animals visibly more content

VISTACELL WORKS BY:

- Supplying more live yeast cells than other yeast products
- Removing oxygen to improve the rumen environment and increase microbial growth
- Increasing fibre digesting bacteria to improve fibre break-down
- Increasing lactic acid utilising bacteria to reduce the incidence of acidosis and protect the rumen

PRODUCT INGREDIENTS

100% live yeast cells



SPECIFICATION	
Live yeast	2.0 X 10 ¹⁰ CFU/g
Ash	< 8%
Moisture	< 5%
Total bacterial count	<5 x 10 ⁵ CFU/g
Coliforms	< 500 CFU / g
Escherichia coli	< 50 CFU / g
Staphylococcus aureus	< 10 CFU /g
Salmonella	Not detected in 25 g
Listeria monocitogenes	Not detected in 25 g

FEEDING RECOMMENDATION

Dairy cows: 3g per cow per day. Add it to your feed blend to ensure a well-mixed blend and accurate dosage per cow. Also suitable for adding to the mixer wagon. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.





The Forti-Min range provides a cost-effective and balanced group of minerals to add to any dry feed or blend. Forti-Min is a low dust, flowable, palatable mineral supplement formulated to help address calcium, magnesium and sodium short falls in lactating cows diet's.

BENEFITS

- Add to any dry feed or blend for ease of feeding
- Minimise metabolics like milk fever in milking cows
- Base mineral additive that can be tailored to your herd's needs

PRODUCT INGREDIENTS

69% limeflour, 11% magnesium oxide, 12% salt and 8% molasses.

KG OF FEED PER COW PER DAY FED	ADDITION RATE OF FORTI-MIN PER TONNE OF FEED	% OF TOTAL FEED
2kg	100kg	10%
3kg	75kg	6.7%
4kg	50kg	5%
5kg	40kg	4%

FEEDING RECOMMENDATION

Add Forti-Min to the diet through the feed at a rate of 200g per cow per day. Please refer to the chart above for recommended addition rates of Forti-Min per ton of feed fed per cow per day. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

The above recommendations are based on a 450kg lactating dairy cow. Using the above guidelines, each cow will be offered 52g elemental calcium, 11g elemental magnesium and 8.5g elemental sodium.

IMPORTANT NOTES

Do not feed Forti-Min to dry cows as this may lead to increased exposure to milk fever.

The feeding of magnesium supplements to dairy cows may increase their risk of clinical salmonellosis. It is recommended that veterinary advice is obtained to ascertain potential risks associated with the use of this product in your environment before product is used.



FORTI-MIN + MONENSIN 400®



Forti-Min + Monensin 400 (ACVM Reg A011418) is a low dust, flowable, palatable mineral supplement formulated to help address calcium, magnesium and sodium short falls in lactating cows diet's.

BENEFITS

- Add to any dry feed or blend for ease of feeding
- Minimise metabolics like milk fever in milking cows
- Base mineral additive that can be tailored to your herd's needs

PRODUCT INGREDIENTS

68.2% limeflour, 11% magnesium oxide, 8% molasses and 12% salt + Monensin 400 Premix*.

KG OF FEED PER COW PER DAY FED	ADDITION RATE OF FORT-MIN + MONENSIN 400® PER TONNE OF FEED	% OF TOTAL FEED
2kg	100kg	10%
3kg	75kg	6.7%
4kg	50kg	5%
5kg	40kg	4%

+ MONENSIN 400

(ACVM Reg A011418)

Included at 300mg/200g for increased milk protein production. As an aid in the control of ketosis. As an aid in the prevention and control of coccidiosis caused by *Eimeria bovis* and *Eimeria zuernii*.

PRECAUTIONS:

- Do not feed to dry cows as this may lead to an increased exposure to milk fever.
- Do not allow access to dogs, horses or non-ruminant animals as ingestion could be fatal.
- Do not treat cattle with products containing erythromycin, tiamulin or oleandomycin while using Rumensin Premix. Severe growth depression may occur.

FEEDING RECOMMENDATION

Add Forti-Min + Monensin 400 (ACVM Reg A011418) to the diet through the feed at a rate of 200g per cow per day. Please refer to the chart above for recommended addition rates of Forti-Min per ton of feed fed per cow per day. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

The above recommendations are based on a 450kg lactating dairy cow. Using the above guidelines, each cow will be offered 52g elemental calcium, 11g elemental magnesium and 8.5g elemental sodium plus 300mg Monensin.

IMPORTANT NOTES

* Contains Monensin 400 (registered symbol Premix, registered pursuant to the ACVM Act 1997: No A011418. See www.nzfsa.govt.nz/acvm for registration).

Do not feed Forti-Min to dry cows as this may lead to increased exposure to milk fever.

Do not allow dogs, horses or other non-ruminant animals access to feeds containing Monensin as ingestion could be fatal.

The feeding of magnesium supplements to dairy cows may increase their risk of clinical salmonellosis. It is recommended that veterinary advice is obtained to ascertain potential risks associated with the use of this product in your environment before product is used.

FORTI-MIN + ZINC OXIDE TS-99*



Forti-Min + ZINC OXIDE TS-99 is a low dust, flowable mineral supplement formulated to help address calcium, magnesium, sodium and zinc requirements through summer into autumn.

BENEFITS

- Supports mineral demands of dairy cows over the summer
- Contains macro minerals including calcium, magnesium and salt (sodium)
- Sweeteners and flavours improve taste and intake

PRODUCT INGREDIENTS

66.5% limeflour, 5.5% magnesium oxide, 12% salt, 6% zinc oxide and 10% molasses.

KG OF FEED PER COW PER DAY FED	ADDITION RATE OF FORTI-MIN PER TONNE OF FEED	% OF TOTAL FEED
2kg	100kg	10%
3kg	75kg	6.7%
4kg	50kg	5%
5kg	40kg	4%

FEEDING RECOMMENDATION

Add Forti-Min Zinc Oxide TS-99 to the diet through the feed at a rate of 200g per cow per day. Please refer to the chart above for recommended addition rates per ton of feed per cow per day. Do not feed less than the minimum rate unless the herd is meeting its zinc requirements from other sources e.g. ZinMol.

NOTE

The above recommendation is based on a 450kg lactating dairy cow. Using the above guidelines, each cow will be offered 50g elemental calcium, 5.5g elemental magnesium, 8.5g elemental sodium and 9.6g elemental zinc.

IMPORTANT NOTES

Do not allow access to other zinc products unless the combined zinc intake is recommended for facial eczema prevention. Do not exceed the maximum rate as overdosing may result in zinc toxicity. Zinc requirements will be relative to iron and copper intake.

Do not feed Forti-Min to dry cows as this may lead to increased exposure to milk fever.

The feeding of magnesium supplements to dairy cows may increase their risk of clinical salmonellosis. It is recommended that veterinary advice is obtained to ascertain potential risks associated with the use of this product in your environment before product is used.

*Zinc Oxide TS-99 is registered pursuant to the ACVM Act 1997, No.A010933, as an aid in the prevention of facial eczema in cattle and sheep.

FORTI-MIN HYFAT



Forti-Min Hyfat is a high energy rumen protected bypass fat in the form of Calcium Salt of Palm Fatty Acids. Forti-Min Hyfat is a dry, free-flowing granule. Forti-Min Hyfat is safe to feed to lactating and non lactating ruminants.

TYPICAL NUTRITIONAL ANALYSIS

Energy (ME)	33.3 MJ/kg DM
Fat	84%
Ash	12.5%
Calcium	9%
Moisture	5%

TYPICAL FATTY ACID PROFILE

C14 & below	1.5%
C16	48%
C18	5%
C18.1	36%
C18.2	9%
Other	0.5%

FORTI-MIN HYFAT TYPICAL FEED RATE

(G/HEAD/DAY)

Lactating Cows	400-800g
Dry Cows	125g
Beef Cattle	150-500g
Sheep & Goats	50-100g

FEEDING RECOMMENDATION

Forti-Min Hyfat should always be mixed with other ingredients, ideally a blend and introduced slowly over a few days to allow adaptation and acceptance to a new ingredient in the diet.

IMPORTANT NOTES

Forti-Min Hyfat avoids negatively impacting fibre digestion in the rumen by passing through the rumen but breaking down in the more acidic small intestine, releasing the fat and calcium.

FORTI-MIN CALF



Forti-Min Calf is a specially formulated premix concentrate for dairy calves containing minerals, flavours, sweeteners, health aids (coccidiostat Bovatec®)

Contains essential macrominerals calcium, phosphorus and salt (sodium) and essential microminerals - zinc, copper, cobalt and iodine. Sweeteners and flavours help to improve taste and intake by calves. Coccidiostat Bovatec® aids in the prevention of coccidiosis.

PRODUCT INGREDIENTS: Contains ingredients selected from limeflour, salt, di-calcium, phosphate, microminerals, vitamins, flavours, coccidiostat Bovatec®.

TYPICAL NUTRITIONAL ANALYSIS

Dry Matter	95%
Protein	<1%
Energy (ME)	<1 MJ/kg DM
NDF* level	<1%
Starch	<1%

FEEDING RECOMMENDATION

Feed exactly 50kgs of Forti-Min Calf per tonne (5%) of finished calf feed. Ensure this is precision blended and not just top-dressed. Do not change inclusion rate (more or less) without seeking professional advice. Forti-Min Calf is suitable for calf starter (20% protein) and calf finisher (16% protein) formulation specifications but not for any other species.

IMPORTANT NOTES

Contains Bovatec®, do not allow dogs, horses or other non-ruminant animals access to feeds containing Bovatec.



DO NOT FEED FORTI-MIN TO DRY COWS AS THIS MAY LEAD TO INCREASED EXPOSURE TO MILK FEVER.

STORAGE

Store in a dry area and ensure all precautions are taken to store away from bird and rodent infestation.

FORTI-MIN MAX



Forti-Min Max is a low dust, flowable and palatable mineral supplement formulated to help meet the calcium, magnesium, sodium and trace mineral requirements of a lactating cow.

PRODUCT INGREDIENTS: Limeflour, magnesium oxide, salt, magnesium, sodium, trace minerals, plus Biotin, Monensin to maintain production and health in lactating cows.

KG OF FEED PER COW PER DAY FED	ADDITION RATE OF FORTI-MIN PER TONNE OF FEED	% OF TOTAL FEED
2kg	100kg	10%
3kg	75kg	6.7%
4kg	50kg	5%
5kg	40kg	4%

FEEDING RECOMMENDATION

Add Forti-Min Max to the diet through the feed at a rate of 200g per cow per day. Please refer to the chart above for recommended addition rates of Forti-Min Max per ton of feed fed per cow per day.

NOTE

The above recommendations are based on a 450kg lactating dairy cow. Using the above guidelines, each cow will be offered 52g elemental calcium, 11g elemental magnesium, 8.5g elemental sodium, 20mg cobalt, 200mg copper, 12mg iodine, 750mg zinc, 8mg selenium and 300mg of sodium monensin.

IMPORTANT NOTES

The feeding of magnesium supplements to dairy cows may increase their risk of clinical salmonellosis. It is recommended that veterinary advice is obtained to ascertain potential risks associated with the use of this product in your environment before product is used.

DO NOT FEED FORTI-MIN TO DRY COWS AS THIS MAY LEAD TO INCREASED EXPOSURE TO MILK FEVER.

DO NOT ALLOW DOGS, HORSES OR OTHER NON-RUMINANT ANIMALS ACCESS TO FEEDS CONTAINING MONENSIN AS INGESTION COULD BE FATAL.

STORAGE

Store in a dry area and ensure all precautions are taken to store away from bird and rodent infestation.



Mineral Max™, Mineral Max™ with Zinc and Mineral Max™ with Rumensin™ are specifically formulated into a granule to deliver essential minerals, trace elements and vitamins to an animal's diet. Naturally balancing out the mineral deficiencies in pasture to support the demands of high producing lactating cows and optimise production, reproduction, health, and performance.

BENEFITS

- Consistent, balanced, all in one minerals to support lactating cows
- Contains phosphorus for energy, metabolism, bone strength and milk production
- Careful selection of high-quality raw ingredients to ensure optimum digestion
- Colour added to granule range for easy recognition of product
- Rigorous testing regime
- Delivers a consistent dose of macro minerals each day
- Improved ease of handling and reduced dust
- Unique combination of minerals, reducing the need to mix individual products
- Supports animal health status
- With or without Zinc Oxide TS-99 as an aid in the prevention of facial eczema
- With or without Rumensin™ 20% Millmix, as an aid in the control of ketosis, bloat and increases milk protein production

PRODUCT INGREDIENTS

Selected from: Calcium Carbonate, Magnesium Oxide, Salt, Dicalcium Phosphate, Molasses, Food dyes, Rumensin™ 20% Millmix™, Zinc Oxide TS-99.

Rumensin™ 20% Millmix™ is registered pursuant to the ACVM act 1997 A009107. Zinc oxide TS-99 is registered pursuant to the ACVM act 1997 A010933. See eatsafe.nzfsa.govt.nz/acvm for registration conditions.

TYPICAL NUTRITIONAL ANALYSIS A 200g feed rate ration will contain:

MINERAL INCLUSION	MINERAL MAX™ (G/COW/DAY)	MINERAL MAX™ WITH RUMENSIN™ (G/COW/DAY)	MINERAL MAX™ WITH ZINC OXIDE TS-99 (G/COW/DAY)
Calcium	35	35	35
Magnesium	10	10	10
Sodium	16	16	16
Phosphorus	4.8	4.8	4.8
Rumensin™		1.5	
Zinc			10

MINERAL MAX (CONT'D)



FEEDING RECOMMENDATION

Typically fed at 200g/cow/day. Do not alter the dose rate without consulting a nutritionist or veterinarian. Mineral Max™ products are not to be fed to cows in the 4-6 weeks prior to calving due to the high level of calcium. Thoroughly mix into supplement.

FEED RATE FOR MINERAL MAX™ WITH ZINC

LIVEWEIGHT (KG)	DOSE RATE (G/HD/DAY)	ZN (G)	CA (G)	MG (G)	NA (G)	P (G)
350	175	8.75	14.5	8.75	30.5	4.2
400	200	10	16	10	35	4.8
450	225	11.25	17.5	11.25	39.5	5.4
500	250	12.5	19	12.5	44	6
550	275	13.75	20.5	13.75	48.5	6.6

NOTE

These products are produced in the same facility and may contain residue of Rumensin™ and/or Zinc.

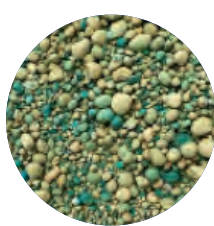
IMPORTANT NOTES

While the granule products are not a source of the disease, feeding granular magnesium oxide to dairy cows may increase their risk of contracting salmonellosis. Salmonellosis is a multi-factorial disease and we highly recommend that you seek veterinary advice to ascertain potential risks associated with overuse and to determine measures that can be taken to reduce those risks for your specific environment.

Do not allow dogs, horses or other non-ruminant animals access to feeds containing Rumensin as ingestion could be fatal.



MINERAL MAX™



**MINERAL MAX™
WITH ZINC**



**MINERAL MAX™
WITH RUMENSIN™**

(Colours of the products are indicative only)



SOLLUS LACTISOL COMPLETE



Lactisol™ Complete is formulated to meet the nutritional requirements of cows when grazing pasture and consuming meals/silage. It contains all the calcium, salt, minerals, vitamins and antioxidants required to maintain production and health in high producing dairy cows, plus DSM's unique Hy-D which is the form of vitamin D required for optimum uptake and utilisation.

Lactisol Complete is for the user who wants, Lactisol, lime and salt in the one bag.

FEEDING RECOMMENDATION

Feed Lactisol Complete at 200g/cow/day. Ensure Lactisol Complete is mixed evenly through the feed.

INGREDIENTS

Vitamin A, Vitamin D3, Vitamin E, Hy-D, Biotin, Cobalt, Iodine, Copper, Zinc, Magnesium, Selenium (8mg/200g), Calcium, Sodium Chloride, Monensin, Molasses.

SOLLUS LACTISOL NUCLEUS



Lactisol™ Nucleus is formulated for those who can use their own lime and salt and is available direct to farm.

FEEDING RECOMMENDATION

Feed Lactisol Nucleus at 25g/cow/day in combination with lime flour or ag lime at 135g/cow/day and salt at 40g/cow/day. Ensure Lactisol is mixed evenly through the feed. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

INGREDIENTS

Vitamin A, Vitamin D3, Vitamin E, Hy-D, Biotin, Cobalt, Iodine, Copper, Zinc, Magnesium, Selenium (8mg/25g), Monensin, Molasses.

WARNINGS

Danger: Keep out of reach of children

STORAGE

Please refer to Page 3 for storage guidelines.



SOLLUS TRANZSOL COMPLETE



Tranzsol™ Complete is formulated to be the easiest and best transition supplement for New Zealand dairy cows. Along with the calcium, magnesium and salt cows need, it incorporates antioxidants, magnesium and, most importantly, Rovimix Hy-D®. This combination allows cows to safely transition, even when consuming pasture. Tranzsol is formulated for diets containing approx. 50% pasture and 50% silage concentrate mix, however it can still be fed with all pasture diets.

Tranzsol Complete is formulated for those people who want Tranzsol Nucleus plus the lime, magnesium and salt, all in one bag.

FEEDING RECOMMENDATION

Feed Tranzsol Complete at 480g/cow/day for 14 days* pre calving + colostrum herd. Ensure Tranzsol Complete is mixed evenly through feed.

* Start when cows begin to show signs of springing (typically 14 days before calving) and continue into the colostrum herd.

INGREDIENTS

Vitamin A, Vitamin E, Vitamin D3, Iodine, Zinc, Rovimix® Biotin, Rovimix Hy-D, Lasalocid, Calcium, Cobalt, Copper, Selenium, Magnesium, MOS, Sulphate, Chloride

SOLLUS TRANZSOL NUCLEUS



Tranzsol™ Nucleus is formulated for those who have access to their own lime and mag chloride and is available direct to farm. It contains all the vitamins, trace minerals and Rovimix Hy-D.

FEEDING RECOMMENDATION

Feed Tranzsol Nucleus at 100g/cow/day for 14 days* pre calving + colostrum herd (plus 100g/cow/day of MgCl and 280g/cow/day of lime flour or ag lime). Ensure Tranzsol Nucleus is mixed evenly through feed. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

*Start when cows begin to show signs of springing (typically 14 days before calving) and continue into the colostrum herd.

INGREDIENTS

Vitamin A, Vitamin E, Vitamin D3, Iodine, Zinc, Rovimix® Biotin, Rovimix Hy-D, Lasalocid, Calcium, Cobalt, Copper, Selenium, Magnesium, MOS, Sulphate

WARNINGS

Danger: Keep out of reach of children

STORAGE

Please refer to Page 3 for storage guidelines.





MOLASSES



FEEDGRADE MOLASSES - NON GMO



ORIGIN: AUSTRALIA

Derived from the sugar cane, feedgrade molasses is the most popular molasses based animal feed sold in New Zealand. Easy handling and high palatability makes it an ideal wet feed solution.

BENEFITS

- Increases blood sugar levels and energy for maintenance and production in dairy cows
- Supports digestion by increasing sugars
- Improves appetite and feed intake

PRODUCT INGREDIENTS

Blackstrap molasses and water.

TYPICAL NUTRITIONAL ANALYSIS		
	As fed basis (1kg) g/kg	DM Basis
Calcium	7	9.4
Crude Protein	62	83
Nitrogen	9.9	13
Magnesium	3.7	5.0
Phosphorous	0.5	0.7
Potassium	34	46
Sodium	0.4	0.54
Soluble Sugars (NSC)	480	644
Sulphur	3	4.0
Dry Matter	74.5%	
ME est (MJ of ME per kg DM)		12
	mg/kg (ppm)	
Cobalt	0.9	1.2
Copper	3.6	4.8
Iodine	0.45	0.60
Iron	108	145
Manganese	62	83
Zinc	10	13
DCAD	+211	
pH	5 - 5.5	

FEEDING RECOMMENDATION

Feed 1kg – 2.5kg per cow per day. Works well with Palm Kernel Expeller. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

AVAILABLE IN

Bulk shipments of 5 to 28 tonnes, 250kg drums and 25kg pails.

MOLASSES XTRA – CALCIMOL



A blended molasses product, consisting of molasses and added calcium from limeflour. Developed to be fed post calving, it provides extra support to boost calcium levels during early lactation.

BENEFITS

- Provides extra calcium to support early lactation, post calving
- Increases availability of instant energy to the animal
- Contains beneficial minerals such as Magnesium and Potassium

PRODUCT INGREDIENTS

Calcium carbonate premix and feedgrade molasses.

TYPICAL NUTRITIONAL ANALYSIS		
	As fed basis (1kg) g/kg	DM Basis
Calcium	55	82
Crude Protein	31	46
Magnesium	2.4	3.6
Nitrogen	4.9	7.3
Phosphorous	0.54	0.81
Potassium	23	34
Sodium	0.6	0.9
Soluble Sugars (NSC)	340	507
Sulphur	2.3	3.4
Dry Matter	67%	
ME est (MJ of ME per kg DM)		11
	mg/kg (ppm)	
Cobalt	1.21	1.81
Copper	1.65	2.46
Iodine	0.78	1.16
Iron	179	267
Manganese	72	107

FEEDING RECOMMENDATION

Calcimol should be fed at the rate of 1kg (740mL) per cow per day to provide 50g of elemental calcium as limeflour. The molasses in Calcimol contains high sugar levels that are quickly fermented in the rumen providing instant energy. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

IMPORTANT NOTES

Do not feed Calcimol to animals before calving unless you are advised to do so by a nutritionist or veterinarian. Do not allow the daily Calcimol intake to exceed 1kg.

AVAILABLE IN

Bulk shipments of 5 to 28 tonnes, as well as 250 kg drums.

MOLASSES XTRA – HIMAG



A molasses formula blended with magnesium chloride. Contains a low dietary cation-anion difference (DCAD) which provides 18g elemental magnesium per 1kg fed.

BENEFITS

- Formulated specifically for cows on transition diets
- Provides all the benefits of molasses plus magnesium
- Contains beneficial minerals such as Zinc and Iron

PRODUCT INGREDIENTS

Magnesium chloride premix and feedgrade molasses

TYPICAL NUTRITIONAL ANALYSIS		
	As fed basis (1kg) g/kg	DM Basis
Calcium	5	7.9
Crude Protein	44	69
Magnesium	18	28
Nitrogen	7	11
Phosphorous	9.6	15
Potassium	24	38
Sodium	0.2	0.3
Sucrose	259	408
Sulphur	24	40.9
Dry Matter	63.5%	
ME est (MJ of ME per kg DM)		8.7
	mg/kg (ppm)	
Cobalt	3	5
Copper	8	13
Iodine	5	8
Iron	55	87
Manganese	77	121
Zinc	102	161
DCAD	-1114	

FEEDING RECOMMENDATION

Feed 500g to 1kg per cow per day to provide 9g to 18g elemental magnesium. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

AVAILABLE IN

Bulk shipments of 5 to 28 tonnes.

MOLASSES XTRA – RUMAG300®



A liquid molasses feed blended with Rumensin®, magnesium and molasses.

BENEFITS

- Provides 300mg of active sodium monensin as Rumensin Technical per kg
- Contains 9g of elemental magnesium as magnesium chloride per kg fed
- Can be fed throughout lactation for energy and improving rumen function

PRODUCT INGREDIENTS

Magnesium chloride premix, Rumensin Technical and feedgrade molasses.

TYPICAL NUTRITIONAL ANALYSIS		
	As fed basis (1kg) g/kg	DM Basis
Sodium monensin as Rumensin* Technical	300mg/k	
Calcium	7.3	12.0
Crude Protein	44	72
Magnesium	11	18
Nitrogen	7	11.5
Phosphorous	1.2	2.0
Potassium	31	51
Sodium	0.95	1.6
Soluble Sugars (NSC)	410	672
Sulphur	2.5	4.1
Dry Matter	61%	
ME est (MJ of ME per kg DM)		11
	mg/kg (ppm)	
Cobalt	1.7	2.8
Copper	3.3	5.4
Iodine	1	1.6
Iron	140	230
Manganese	120	197
Zinc	10	16
DCAD	-211	

FEEDING RECOMMENDATION

Feed 1kg per cow per day. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

AVAILABLE IN

Bulk shipments of 5 to 28 tonnes, available in 300 / 600 formulations.

IMPORTANT NOTES

Do not allow dogs, horses or other non-ruminant animals access to feeds containing Rumensin as ingestion could be fatal.

*Rumensin® is registered pursuant to the ACVM Act 1997, No A7871, as an aid in the control of ketosis and an aid in the prevention of bloat.

MOLASSES XTRA – RUMOL300®



A unique liquid feed combining Rumensin® and molasses designed to be fed throughout lactation.

BENEFITS

- Each kg provides cane molasses and 300mg of active sodium monensin as Rumensin*
- Provides extra energy throughout lactation and helps in balancing the diet
- Helps to improve function of the rumen

PRODUCT INGREDIENTS

Rumensin Technical and feedgrade molasses.

TYPICAL NUTRITIONAL ANALYSIS		
	As fed basis (1kg) g/kg	DM Basis
Sodium monensin as Rumensin* Technical	300mg/kg	
Calcium	7.6	11.3
Crude Protein	47	70
Magnesium	3	4.5
Nitrogen	7.5	11.2
Phosphorous	0.84	1.25
Potassium	33	49
Sodium	0.82	1.22
Soluble Sugars (NSC)	440	657
Sulphur	2.8	4.2
Dry Matter	67%	
ME est (MJ of ME per kg DM)		11.5
	mg/kg (ppm)	
Cobalt	1.9	2.8
Copper	3.5	5.2
Iodine	0.97	1.4
Iron	180	269
Manganese	130	194
Zinc	11	16
DCAD	+211	

FEEDING RECOMMENDATION

Feed 1kg per cow per day. Consult your nutritionist or farm consultant to determine the optimal inclusion level for your particular situation.

AVAILABLE IN

Bulk shipments of 5 to 28 tonnes, available in 300 / 600 formulations.

IMPORTANT NOTES

Do not allow dogs, horses or other non-ruminant animals access to feeds containing Rumensin as ingestion could be fatal.

*Rumensin® is registered pursuant to the ACVM Act 1997, No A7871, as an aid in the control of ketosis and an aid in the prevention of bloat.

REGIONAL CARRIERS

Agrifeeds work closely with regional transport carriers to provide efficient, friendly and competitive distribution of PKE, molasses and other bulk supplies.

CARRIER:	DELIVERING OUT OF:	WHAT:
 Logistics Solutions NZ	8203 – TAURIKO	BULK AND BLOWER
	8206 – NORGATE, NEW PLYMOUTH	BULK AND BLOWER
	8203 – TAURIKO	AUGER
	8206 – NORGATE, NEW PLYMOUTH	AUGER
	8225 – MORRINSVILLE	MOLASSES TANKER
	8223 – MT MAUNGANUI	MOLASSES TANKER
	8224 – HINUERA	MOLASSES TANKER
	8226 – PARAITE, NEW PLYMOUTH	MOLASSES TANKER
	8203 – TAURIKO	MOLASSES TANKER
	8201 – MARSDEN POINT, WHANGAREI	BULK AND BLOWER
	8209 – KENNINGTON, SOUTHLAND	BULK AND BLOWER
	8201 – MARSDEN POINT, WHANGAREI	BULK
	8201 – MARSDEN POINT, WHANGAREI	BULK
	8208 – TIMARU	BULK AND BLOWER
	8229 – WINTON	MOLASSES TANKER
	8228 – TIMARU	MOLASSES TANKER
	8248 – TEMUKA	MOLASSES TANKER
	8201 – MARSDEN POINT, WHANGAREI	BULK & BLOWER

NOTES:

Your local Animal Nutrition Sales Representative can help tailor a nutrition plan for your herd to help achieve your goals.



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The Agrifeeds Customer Service Team liaise with farmers, stores and transport carriers to provide high quality administrative, transactional and customer service solutions in a timely, friendly and accurate manner.

Phone 0800 424 743 to contact the Customer Service team.

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